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## 1 Claims

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Sub A

3 1 A method for sampling a fluid produced from a  
4 wellbore, the method comprising providing a vehicle  
5 having a drive means for moving the vehicle, a  
6 collecting device for collecting a sample of fluid and  
7 a storage facility for the collected fluid; using the  
8 collecting device to recover a sample of the fluid to  
9 the vehicle's storage facility at a first location on a  
10 subsea structure; storing the sample in the storage  
11 facility of the vehicle; and carrying the sample in the  
12 vehicle's storage facility to a second location.

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14 2 A method as claimed in claim 1, wherein the first  
15 location is a wellhead.

16

17 3 A method as claimed in claim 1, wherein the first  
18 position typically has a collection port to mate with  
19 the collecting device, and the method includes the step  
20 of engaging the collecting device with the collection  
21 port at the first location, and transferring the fluid  
22 through the collection port and collecting device while  
23 they are engaged.

24

25 4 A method as claimed in claim 1, wherein the  
26 vehicle is a remotely operated vehicle.

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28 5 A method as claimed in claim 1 wherein the storage  
29 tank and collecting device are housed on a frame  
30 attached to the vehicle.

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6 A method as claimed in claim 1, wherein the  
7 collecting device comprises at least one sample  
8 container for containing the sample collected, and the  
9 method includes the further step of storing the sample  
10 collected in the sample container.

11 7 A method as claimed in claim 1, wherein the  
12 vehicle has a probe for connecting to the subsea  
13 structure at the first position and the method includes  
14 the step of connecting the vehicle to the subsea  
15 structure via the probe and collecting the sample  
16 through the probe.

17 8 A method as claimed in claim 1 including the step  
18 of discarding a portion of the fluid collected.

19 9 A method as claimed in claim 1 including the step  
20 of detaching the vehicle from the subsea structure at  
21 the first position, removing the sample when the  
22 vehicle has moved to the second position, and analysing  
23 the sample at the second position.

24 10 A method as claimed in claim 1, wherein the  
25 collecting device has several separate sample  
26 containers for collecting samples, and the method  
27 includes the step of collecting a further sample from  
28 at least one other subsea structure before the vehicle  
29 moves to the second location for analysis of the  
30 samples.

31 11 A method as claimed in claim 1, wherein the device  
32 can be controlled from a position remote from the first

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~~position, and the method includes the step of  
controlling the device remotely.~~

~~12 A sampling device for collecting samples of fluid  
produced from a subsea wellbore, the sampling device  
having a drive means for moving the sampling device, a  
collecting device for collecting a sample of fluid and  
a storage container for holding the collected fluid.~~

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~~13 A sampling device as claimed in claim 12, wherein  
the wellbore has a wellhead and the collecting device  
comprises a probe for engaging a port on the wellhead.~~

14 A sampling device as claimed in claim 12 wherein  
the drive means comprises a remotely operated vehicle.

15 A sampling device as claimed in claim 12, wherein  
the storage container comprises at least one bottle,  
the said at least one bottle having a having a piston  
movable within the bottle.

16 A sampling device as claimed in claim 12, having  
means to indicate characteristics of the sample  
collected, the characteristics being selected from the  
group consisting of pressure, volume and temperature.

17 A sampling device as claimed in claim 12, wherein  
the device is adapted to collect the fluid sample from  
a subsea fluid-carrying structure selected from the  
group consisting of wellheads, manifolds, pipelines,  
wellbores, casings, tubulars, storage tanks and gravity  
base structures.

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Sub A3

- 1 18. A sampling device as claimed in claim 16, wherein  
2 the indicator means is configured to indicate the  
3 selected characteristics on a continuous basis.  
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5 19. A sampling device as claimed in claim 12, wherein  
6 the storage container has a fail safe valve to seal the  
7 container in the event of a power failure.  
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